

Lodi Citizen's Monitoring - Lodi, California
MARCH 2005

Weather:

Clear, very slight breeze, temperature 26 C (79 F)

Water had some cloudiness and some, olive-brown, green color reported.

Woodbridge Dam boards pulled 11/1/04, River level down, but higher than last month, Lodi Lake drained.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	11-Mar-05 Grade:	15:40	7.1 A	12.2 C A	54.0 F	9.9 A	2.3 ntu A	30 A	0 A	Pair of Canada Geese on beach - nesting?
Site # 2 River near Casa de Lodi	11-Mar-05 Grade:	16:05	7.1 A	11.9 C A	53.4 F	9.4 A	2.8 ntu A	30 A	0 A	Water whirpooling, may have increased turbidity
Site # 3 River at Mokelumne River Dr.	11-Mar-05 Grade:	15:30	8.1 B	12.2 C A	54.0 F	9.6 A	9.0 ntu B	40 A	0 A	
Site # 4 River at "Scenic Overlook" Awani Dr.	11-Mar-05 Grade:	15:50	8.4 B	12.6 C A	54.7 F	9.8 A	6.2 ntu B	40 A	0 A	Clumps of small foam bubbles
Site # 5 River, Glen Beach Edgewood Dr.	11-Mar-05 Grade:	15:30	7.4 A	11.7 C A	53.1 F	8.5 B	17.4 ntu B	40 A	NA	
Site # 6 River, N/O Pigs Lake	11-Mar-05 Grade:	15:50	7.3 A	12.2 C A	54.0 F	8.5 B	10.2 ntu B	40 A	NA	
Site # 7 River, near Gazebo N/O Lodi Lake	11-Mar-05 Grade:	15:30	8.1 B	13.3 C A	55.9 F	NA	6.2 ntu B	40 A	NA	D.O. meter out, Chemet D.O. was 8 mg/L
Site # 7A East end (S/o SD) Lodi Lake	NA Grade:	NA	NA	NA	NA	NA	NA	NA	NA	No Water in lake
Site # 8 Lodi Lake above last Storm Drain	11-Mar-05 Grade:	16:25	9.1 D	23.2 C C	73.8 F	14.9*	4.8 ntu A	760 D	0.54 A	No Water in Lake Storm Drain Water only.
Site # 9A River below WID Dam	11-Mar-05 Grade:	16:45	8.0 A	11.7 C A	53.1 F	10.1 A	11.6 ntu B	40 A	0 A	

NA = Not Analyzed (equipment problems)

* High turbidity interfere with D.O. measurement

GRADE:	pH	Temp	D.O.	Turbidity	TDS	Nitrates
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 - 1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10